

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041463.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 22:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 04:34:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:32:36 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.971	3759209	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.407	2811012	19.898 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
Target Compounds			
1) T n-Nonane (C9)	3.356	2970882	20.211 ug/ml
2) T n-Decane (C10)	4.606	3037140	20.250 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3348370	20.233 ug/ml
4) T n-Dodecane (C12)	6.774	3080341	20.260 ug/ml
5) T A~2-methylnaphthalene...	7.404	3264816	20.247 ug/ml
6) T n-Tetradecane (C14)	8.602	3079689	20.274 ug/ml
7) T n-Hexadecane (C16)	10.209	3217799	20.164 ug/ml
8) T n-Octadecane (C18)	11.653	3297010	20.114 ug/ml
10) T n-Eicosane (C20)	12.962	3211792	19.968 ug/ml
11) T n-Heneicosane (C21)	13.574	3173732	19.914 ug/ml
13) T n-Docosane (C22)	14.161	3167056	19.877 ug/ml
14) T n-Tetracosane (C24)	15.264	3177447	19.709 ug/ml
15) T n-Hexacosane (C26)	16.284	3116515	19.713 ug/ml
16) T n-Octacosane (C28)	17.233	3023721	19.651 ug/ml
17) T n-Tricontane (C30)	18.121	2997586	19.682 ug/ml
18) T n-Dotriacontane (C32)	18.952	2950173	19.803 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2813408	19.971 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2674917	20.002 ug/mlm
21) T n-Octatriacontane (C38)	21.222	2638611	19.969 ug/mlm
22) T n-Tetracontane (C40)	22.157	2546967	20.116 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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